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Serial No. Atty. Docket No. 034299-000610 10/519,012 U.S. Department of Commerce Patent and Trademark Office Applicant: Cyril Guedj et al. Information Disclosure Statement by Applicant Filed: December 21, 2004 Group: unknown (Use several sheets if necessary) 2878 U.S. Patent Documents Document No. Name Class Subclass Filing Date Init. Date ŌΓ 5,682,037 10/28/97 de Cesare et al. Α QL 01/25/00 Theil et al. В 6,018,187 09/05/00 QL 6,114,739 Theil et al. C **Foreign Documents** Translation Class Subclass Document No. Date Country Yes No Init. 0 726 605 06,02,96 Europe H01L 31 103 X QL D H01L 27 146 $\overline{\mathbf{x}}$ 1 050 907 02.05.00 OL E Europe Other Documents (Including Author, Title, Date, Pertinent Pages, etc.) Afanas'ev et al., "Photodetector structures based on amorphous hydrogenated silicon with nanocrystalline QL inclusions", December 2001, The Optical Society of America, J. Opt. Technol., Vol. 68, No. 12, pp 949-951. G Chatterjee et al., "The origin of current gain under illumination in amorphous silicon n-i-p-i-n structures", February 15, 2000, Journal of Applied Physics, Vol. 87, No. 4, pp. 1874-1881. Meaudre et al., "Midgap density of states in hydrogenated polymorphous silicon", July 15, 1999, Journal of Н Applied Physics, Vol. 86, No. 2, pp. 946-950. Morral, et al. "In situ investigation of polymorphous silicon deposition", 2000, Journal of Non-Crystalline I Solids 266-269, pp. 48-53. Morral et al., "Structure of plasma-deposited polymorphous silicon", 2002, Journal of Non-Crystalline Solids J 299-302, pp. 284-289. Poissant et al., "Metastability study and optimization of polymorphous silicon solar cells: the state-of-theart", 2002, Journal of Non-Crystalline Solids 299-302, pp. 1173-1178. Razeghi et al., "Semiconductor ultraviolet detectors", May 15, 1996, J. Appl. Phys., Vol. 79, No. 10, pp L 7433. Topic et al., "Adjustable ultraviolet-sensitive detectors based on amorphous silicon", April 16, 2001, Applied M Physics Letters, Vol. 78, No. 16, pp. 2387-2389 Voz et al., "Thin-Film transistors with polymorphous silicon active layer", 2002, Journal of Non-Crystalline OL Solids 299-302, pp. 1345-1350. Examiner Date Considered **/Que Tan Le/**

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